

## ABSTRACT OF THE DISCLOSURE

In a communication device using a communication  
protocol with data loss compensation functions provided at  
5 both an upper layer and a lower layer, a transmission order  
among packets to be transmitted is controlled at the lower  
layer, according to the transmission states of upper layer  
connections to which the packets belong, such that when  
there is at least one non-transmitted packet for each one  
10 of at least two different upper layer connections, at least  
two packets to be transmitted consecutively are belonging  
to different upper layer connections.

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